

## EAST Search History

S89	6	bnp same (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/07 15:46
S90	68	bnp and (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/07 21:24
S91	1	("6673562").PN.	USPAT; USOCR	OR	OFF	2006/03/07 21:10
S92	6	bnp and (dying or (termination with life) or deceased or (cessation with life))	USPAT	OR	OFF	2006/03/07 21:21
S93	50	natriuretic and (dying or (termination with life) or deceased or (cessation with life))	USPAT	OR	OFF	2006/03/07 21:21
S94	461	natriuretic and (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/07 21:26
S95	27	natriuretic same (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/07 21:24
S96	88	S94 and (natriuretic with (brain or b-type))	USPAT	OR	OFF	2006/03/07 21:29
S97	1	nt-probnp and (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/07 21:29
S98	1	probnp and (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/08 12:13
S99	145	troponin and bnp or ((b-type adj natriuretic adj peptide) or (brain adj natriuretic adj peptide) or (beta adj natriuretic adj peptide))	USPAT	OR	OFF	2006/03/08 12:14
S100	26	troponin and (bnp or ((b-type adj natriuretic adj peptide) or (brain adj natriuretic adj peptide) or (beta adj natriuretic adj peptide)))	USPAT	OR	OFF	2006/03/08 12:26
S101	565	simultaneous adj assay	USPAT	OR	OFF	2006/03/08 12:26
S102	22	S101 and (myocardial adj infarction)	USPAT	OR	OFF	2006/03/08 12:39
S103	1	("6461828").PN.	USPAT; USOCR	OR	OFF	2006/03/08 14:03
S104	82	(simultaneous same antibodies) and ((myocardial adj infarction) or (acute adj coronary adj syndrome))	USPAT	OR	OFF	2006/03/08 14:05
S105	565	simultaneous adj assay	USPAT	OR	OFF	2006/03/08 14:04
S106	22	S105 and (myocardial adj infarction)	USPAT	OR	OFF	2006/03/08 14:04
S107	82	S104 not S106	USPAT	OR	OFF	2006/03/08 14:05

## EAST Search History

S108	19	((simultaneous with antibodies) and ((myocardial adj infarction) or (acute adj coronary adj syndrome)))	USPAT	OR	OFF	2006/03/08 14:11
S109	48	((simultaneously with antibodies) and ((myocardial adj infarction) or (acute adj coronary adj syndrome)))	USPAT	OR	OFF	2006/03/08 14:11
S110	45	S109 not S108	USPAT	OR	OFF	2006/03/08 14:59
S111	0	((multiple with markers) with more with definitive with results) and (cardiac or myocardial)	USPAT	OR	OFF	2006/03/08 15:00
S112	0	((multiple with markers) same (more with definitive with results)) and (cardiac or myocardial)	USPAT	OR	OFF	2006/03/08 15:00
S113	0	((multiple with markers) same (more with definitive with results)) and (cardiac or myocardial)	USPAT	OR	ON	2006/03/08 15:00
S114	0	((multiple with markers) same (more with definitive with results))	USPAT	OR	ON	2006/03/08 15:01
S115	0	((multiple with assays) same (more with definitive with results))	USPAT	OR	ON	2006/03/08 15:01
S116	26	(more with definitive with results) and assay	USPAT	OR	ON	2006/03/08 15:10
S117	154	(increas\$ with accuracy) and (simultaneous\$ with assay\$)	USPAT	OR	ON	2006/03/08 15:10
S118	9	(increas\$ with accuracy) same (simultaneous\$ with assay\$)	USPAT	OR	ON	2006/03/08 15:13
S119	6	(verif\$ with result) same (simultaneous\$ with assay\$)	USPAT	OR	ON	2006/03/08 15:12
S120	0	(increas\$ with accuracy) same (second adj marker) and assay\$	USPAT	OR	ON	2006/03/08 15:13
S121	0	(increas\$ with accuracy) same (plurality adj marker) and assay\$	USPAT	OR	ON	2006/03/08 15:13
S122	0	(increas\$ with accuracy) same (plurality adj marker) and assay\$	US-PGPUB; USPAT	OR	ON	2006/03/08 15:14
S123	0	(verif\$ with result) same (plurality adj marker) and assay\$	US-PGPUB; USPAT	OR	ON	2006/03/08 15:14
S124	0	(verif\$ with result) same (multiple adj marker) and assay\$	US-PGPUB; USPAT	OR	ON	2006/03/08 15:18
S125	6	(increas\$ with accuracy) same (multiple adj marker) and assay\$	US-PGPUB; USPAT	OR	ON	2006/03/08 15:16
S126	1	(increas\$ with accuracy) same (multiple adj marker) and (antibody or antibodies)	US-PGPUB; USPAT	OR	ON	2006/03/08 15:17

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S89	6	bnp same (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/07 15:46
S90	68	bnp and (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/07 21:24
S91	1	("6673562").PN.	USPAT; USOCR	OR	OFF	2006/03/07 21:10
S92	6	bnp and (dying or (termination with life) or deceased or (cessation with life))	USPAT	OR	OFF	2006/03/07 21:21
S93	50	natriuretic and (dying or (termination with life) or deceased or (cessation with life))	USPAT	OR	OFF	2006/03/07 21:21
S94	461	natriuretic and (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/07 21:26
S95	27	natriuretic same (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/07 21:24
S96	88	S94 and (natriuretic with (brain or b-type))	USPAT	OR	OFF	2006/03/07 21:29
S97	1	nt-probnp and (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/07 21:29
S98	1	probnp and (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/08 12:13
S99	145	troponin and bnp or ((b-type adj natriuretic adj peptide) or (brain adj natriuretic adj peptide) or (beta adj natriuretic adj peptide))	USPAT	OR	OFF	2006/03/08 12:14
S100	26	troponin and (bnp or ((b-type adj natriuretic adj peptide) or (brain adj natriuretic adj peptide) or (beta adj natriuretic adj peptide)))	USPAT	OR	OFF	2006/03/08 12:26
S101	565	simultaneous adj assay	USPAT	OR	OFF	2006/03/08 12:26
S102	22	S101 and (myocardial adj infarction)	USPAT	OR	OFF	2006/03/08 12:39
S103	1	("6461828").PN.	USPAT; USOCR	OR	OFF	2006/03/08 14:03
S104	82	(simultaneous same antibodies) and ((myocardial adj infarction) or (acute adj coronary adj syndrome))	USPAT	OR	OFF	2006/03/08 14:05
S105	565	simultaneous adj assay	USPAT	OR	OFF	2006/03/08 14:04
S106	22	S105 and (myocardial adj infarction)	USPAT	OR	OFF	2006/03/08 14:04
S107	82	S104 not S106	USPAT	OR	OFF	2006/03/08 14:05

## EAST Search History

S12 7	0	(increas\$ with accuracy) same (plurality adj marker) and (antibody or antibodies)	US-PGPUB; USPAT	OR	ON	2006/03/08 15:17
S12 8	0	(verif\$ with result) same (multiple adj marker) and (antibody or antibodies)	US-PGPUB; USPAT	OR	ON	2006/03/08 15:29
S12 9	7	(false adj positives) same (multiple adj marker) and (antibody or antibodies)	US-PGPUB; USPAT	OR	ON	2006/03/08 15:51
S13 0	38	(multimarker or multi-marker) and (cardiac or myocardial or heart)	US-PGPUB; USPAT	OR	ON	2006/03/08 15:54
S13 1	31	(multimarker or multi-marker) and (cardiac or myocardial or heart) and (antibody or antibodies)	US-PGPUB; USPAT	OR	ON	2006/03/08 15:54

## EAST Search History

S68	2	S65 and ((nanocrystal) same electric)	US-PGPUB; USPAT	OR	ON	2006/03/04 18:31
S69	1	S65 and ((quantum adj dot) same electrode)	US-PGPUB; USPAT	OR	ON	2006/03/04 18:32
S70	341	((quantum adj dot) same electrode)	US-PGPUB; USPAT	OR	ON	2006/03/04 18:34
S71	10	S70 and (assay)	US-PGPUB; USPAT	OR	ON	2006/03/04 18:33
S72	15	S70 and (label)	US-PGPUB; USPAT	OR	ON	2006/03/04 18:33
S73	9	S72 not S71	US-PGPUB; USPAT	OR	ON	2006/03/04 18:33
S74	257	((nanocrystal) same electrode)	US-PGPUB; USPAT	OR	ON	2006/03/04 18:34
S75	12	S74 and assay	US-PGPUB; USPAT	OR	ON	2006/03/04 18:39
S76	7	S74 and label	US-PGPUB; USPAT	OR	ON	2006/03/04 18:40
S77	29	S70 and binding	US-PGPUB; USPAT	OR	ON	2006/03/04 18:48
S78	1	("6241678").PN.	USPAT; USOCR	OR	OFF	2006/03/06 16:25
S79	0	catheter and (open with closed with slits with slots)	USPAT	OR	OFF	2006/03/06 16:26
S80	37	catheter and (open with closed with slits)	USPAT	OR	OFF	2006/03/06 18:20
S81	0	distinguish\$ with (myocardial adj necrosis) with (myocardial adj ischemia)	USPAT	OR	ON	2006/03/06 18:20
S82	2	distinguish\$ with (necrosis) with (ischemia)	USPAT	OR	ON	2006/03/06 18:25
S83	101	(natriuretic or bnp) and (necrosis) and (ischemia)	USPAT	OR	ON	2006/03/06 18:29
S84	19	(natriuretic or bnp) same (necrosis) and (ischemia)	USPAT	OR	ON	2006/03/06 18:26
S85	13	(natriuretic or bnp) and (necrosis with ischemia)	USPAT	OR	ON	2006/03/06 19:51
S86	1	("5747274").PN.	USPAT; USOCR	OR	OFF	2006/03/07 14:14
S87	361	troponin and (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/07 14:14
S88	37	troponin same (death or mortality or morbidity)	USPAT	OR	OFF	2006/03/07 14:16

## EAST Search History

S12 7	0	(increas\$ with accuracy) same (plurality adj marker) and (antibody or antibodies)	US-PGPUB; USPAT	OR	ON	2006/03/08 15:17
S12 8	0	(verif\$ with result) same (multiple adj marker) and (antibody or antibodies)	US-PGPUB; USPAT	OR	ON	2006/03/08 15:29
S12 9	7	(false adj positives) same (multiple adj marker) and (antibody or antibodies)	US-PGPUB; USPAT	OR	ON	2006/03/08 15:51
S13 0	38	(multimarker or multi-marker) and (cardiac or myocardial or heart)	US-PGPUB; USPAT	OR	ON	2006/03/08 15:54
S13 1	31	(multimarker or multi-marker) and (cardiac or myocardial or heart) and (antibody or antibodies)	US-PGPUB; USPAT	OR	ON	2006/03/08 15:54

'HOME' ENTERED AT 16:00:25 ON 08 MAR 2006

file .bio  
OST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FILE 'CAPLUS' ENTERED AT 16:00:31 ON 08 MAR 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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=> s multimer and (cardiac or heart or myocardial or coronary)  
L1 73 MULTIMARKER AND (CARDIAC OR HEART OR MYOCARDIAL OR CORONARY)

=> L1 not ay>2001  
'2001' NOT A VALID FIELD CODE  
'2001' NOT A VALID FIELD CODE  
'2001' NOT A VALID FIELD CODE  
L2 71 L1 NOT AY>2001

=> d his

(FILE 'HOME' ENTERED AT 16:00:25 ON 08 MAR 2006)

FILE 'CAPLUS, BIOSIS, MEDLINE, EMBASE' ENTERED AT 16:00:31 ON 08 MAR 2006  
L1 73 S MULTIMARKER AND (CARDIAC OR HEART OR MYOCARDIAL OR CORONARY)  
L2 71 L1 NOT AY>2001

=> L2 not py>2001  
L3 14 L2 NOT PY>2001

=> d ibib abs 1-14

L3 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:783970 CAPLUS

DOCUMENT NUMBER: 136:291164

TITLE: Ninety-minute exclusion of acute myocardial  
infarction by use of quantitative point-of-care  
testing of myoglobin and troponin I

AUTHOR(S): McCord, James; Nowak, Richard M.; McCullough, Peter  
A.; Foreback, Craig; Borzak, Steven; Tokarski, Glenn;  
Tomlanovich, Michael C.; Jacobsen, Gordon; Weaver, W.  
Douglas

CORPORATE SOURCE: Henry Ford Heart and Vascular Institute, Henry Ford  
Hospital, Detroit, MI, 48202, USA

SOURCE: Circulation (2001), 104(13), 1483-1488

CODEN: CIRCAZ; ISSN: 0009-7322

PUBLISHER: Lippincott Williams & Wilkins

DOCUMENT TYPE: Journal

LANGUAGE: English

B Diagnostic strategies with ECG and blood serum cardiac markers  
were used to rule out acute myocardial infarction in 6 to 12 h.  
The present study evaluated whether a multimer strategy that  
used point-of-care measurement of myoglobin, creatine kinase (CK)-MB, and  
troponin I could exclude acute myocardial infarction in  
≤3 h. We prospectively enrolled consecutive patients (n=817) in  
the emergency department who were evaluated for possible acute  
myocardial infarction. In patients with nondiagnostic ECGs, we

\*\*\*\*\*  
TERED AT 19:31:01 ON 08 MAR 2006

. DOLLARS  
MATED COST

SINCE FILE  
ENTRY  
0.21  
TOTAL  
SESSION  
0.21

'CAPLUS' ENTERED AT 19:31:11 ON 08 MAR 2006  
SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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RIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

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=> s (bnp or (b-type (w) natriuretic) or (brain (1w) natriuretic))  
L1 16523 (BNP OR (B-TYPE (W) NATRIURETIC) OR (BRAIN (1W) NATRIURETIC))

=> L1 and troponin  
L2 789 L1 AND TROPONIN

=> L1 and L2  
L3 789 L1 AND L2

=> L3 not py>2001  
L4 64 L3 NOT PY>2001

=> d ibib abs 1-64

L4 ANSWER 1 OF 64 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:39852 CAPLUS

DOCUMENT NUMBER: 138:285269

TITLE: **B type natriuretic**  
peptide and cardiac troponin I in acute  
chest pain

AUTHOR(S): Jourdain, P.; Funck, F.; Fulla, Y.; Deschamps, P.;  
Weber, S.; Guillard, N.; Duboc, D.

CORPORATE SOURCE: Service de Cardiologie, Hopital Rene Dubos, Pontoise,  
Fr.

SOURCE: Advances in Coronary Artery Disease, Proceedings of  
the International Congress on Coronary Artery Disease,  
4th, Prague, Czech Republic, OCT 21-24, 2001 (2001),  
509-515. Editor(s): Lewis, Basil S. Monduzzi  
Editore: Bologna, Italy.

DOCUMENT TYPE: CODEN: 69DLNU; ISBN: 88-323-1121-6

LANGUAGE: Conference  
English

The contribution of plasma brain natriuretic peptide (BNP) levels and that of plasma cardiac troponin I (TNIC) levels toward increasing the sensitivity and specificity of diagnoses of coronary lesions were compared. Although BNP and TNIC had the same specificity, BNP was more sensitive than TNIC in identifying patients with acute chest pain and coronary artery disease. Plasma BNP at < 10 pg/mL was capable of identifying patients without coronary lesions.

REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 2 OF 64 CAPLUS COPYRIGHT 2006 ACS on STN

SESSION NUMBER: 2001:771934 CAPLUS

DOCUMENT NUMBER: 136:148360

FILE: Changes in cardiac markers including B-natriuretic